

Rose-Hulman Institute of Technology

Rose-Hulman Scholar

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29
Days Until
Graduation

the Rose Thorn

Welcome
Parents

NEWS BRIEFS

Lilly facilitates new courses

Two grants from the Lilly Endowment, Inc. of Indianapolis will make it possible for faculty at Rose-Hulman Institute of Technology to create new undergraduate courses about ethics in human communication and value engineering.

The \$5,000 grants were received by Patricia Carlson, professor of American literature, and William Owens, associate professor of mechanical engineering.

Carlson is developing a communication course that will examine issues ranging from dehumanizing communication to the language of oppression and commercial doublespeak. Students will

also learn how to develop a personal ethical code for responsible communication, Carlson says.

The class will be offered through the Division of Humanities, Social and Life Sciences beginning in September.

A new course in value engineering will help focus students' attention on a proven method of assessing engineering designs to assure that they give the best value to the customer, according to Owens. The class will teach students to concentrate on the economic and manufacturing aspects of the design of new products early in the design cycle.

Radomski receives GE fellowship

Michael Radomsky of Mentor, a senior at Rose-Hulman Institute of Technology, has been named the recipient of a General Electric Foundation Graduate Fellowship.

The scholarship, worth approximately \$23,000, will cover the total costs of tuition and fees during his first year in graduate school at Johns-Hopkins University. The scholarship also includes a stipend of approximately \$10,000.

An honors student at Rose-Hulman, Radomsky will graduate in May with a bachelor's degree in chemical engineering.

As a result of his selection, the Rose-Hulman Department

of Chemical Engineering will receive a \$5,000 unrestricted grant from the Foundation.

The fellowship program is part of the GE Foundation's \$15 million "Program for the '80s" which is intended to help correct the nationwide shortage of American students pursuing a Ph.D. in engineering or science. Over 250 academically talented students have been awarded fellowships as a result of the program.

Radomsky graduated Magna Cum Laude from Mentor High School in 1983.

He is the son of Paul and Jean Radomsky, 7945 Oakridge Drive.

ROTC review and awards ceremony scheduled

The WABASH Battalion (The Army Reserve Officer's Training Corps) will be conducting a Review and Awards Ceremony on the 29th of April 1987. The ceremony will begin at 5 p.m. on the football field at Rose-Hulman Institute of Technology. Cadets from the WABASH Battalion will be receiving awards for excellence in both their academic and military performance from several local, state and national organizations. The military band from Fort Benjamin Harrison will be there to help recognize these outstanding cadets. The public is invited to attend.

ceiving awards for excellence in both their academic and military performance from several local, state and national organizations. The military band from Fort Benjamin Harrison will be there to help recognize these outstanding cadets. The public is invited to attend.

R-H Drama Club to perform tonight

The Rose-Hulman Institute of Technology Drama Club will close out its 23rd season by performing the musical/comedy "A Funny Thing Happened on the Way to the Forum," on April 24 and 25 and May 1 and 2 in Moench Hall Auditorium on the college's campus.

Music and lyrics for "A Funny Thing Happened on the Way to the Forum," were written by Stephen Sondheim. The book was co-authored by Larry Gelbart and Burt Shevelove.

The show "is a slapstick, vaudevilian-style musical/comedy about a Roman slave who wants to be free and will do anything and con anyone to get that way," said Director Penny Koob. "It's continuous action about a man's journey to freedom and all the funny things

that happen on the way."

The show will feature primarily students from Rose-Hulman and Indiana State University who will perform to songs that include "Comedy Tonight," "Love I Hear," "Pretty Little Picture," and "Impossible."

Rose-Hulman students performing in the show are: Norm Dillinger, senior chemical engineering major, as Senex, a wealthy old man; Darrel Huff, senior chemical engineering major, as Hero, son of Senex and his wife, Domina; Mark Leonard, junior computer science major, as Hysterium, slave to Senex and Domina; Dan Vujovic, senior computer science major, as Pseudolus, slave to Hero and the show's lead character; Collin Bremner, freshman electrical engineering major, as

Erronius, an old man.

Also Mike Dobranski, junior electrical engineering major, as Miles Gloriosus, a warrior; Jack Gulick, senior mathematics major, as Lycus, a buyer and seller of courtesans; Aaron Leong, sophomore electrical engineering major, as a Protean, one who plays several different characters; Dervis Scheib, freshman electrical engineering major, as a Protean; and Brad Schneider, freshman mechanical engineering major, as a Protean.

All performances will begin at 8 p.m. except on Saturday, April 25, when an additional show will be presented at 3 p.m. in conjunction with Parents' Weekend at Rose-Hulman. Tickets are \$3 per person and can be reserved by calling Rose-Hulman at (812) 877-1511, Ext. 346.



Appearing in the upcoming Rose-Hulman Drama Club's production of "A Funny Thing Happened on the Way to the Forum" are: left to right, Aaron Leong, sophomore electrical engineering major, as a Protean; Darrel Huff, senior chemical engineering major, as "Hero"; Mike Dobranski, junior electrical engineering major, as "Miles Gloriosus"; Jack Gulick, senior mathematics major as "Lycus"; and Dan Vujovic, senior computer science major, as "Pseudolus."

Distinguished Young Alumni Award to be presented to three Rose graduates

Three graduates of Rose-Hulman Institute of Technology will receive the college's 1987 Distinguished Young Alumni Award during a Parents' Day honors banquet April 25.

Chosen for the award are Edward McDevitt, a native of Effingham, Ill., and vice-president of operations, Tellabs, Inc., Lisle, Ill.; William Gurley, vice-president, Stanadyne, Inc., Farmington, Conn.; and John Malmquist, executive vice-president, Madsen Construction Co., Madison, Wis.

McDevitt, a 1968 electrical engineering graduate of Rose-Hulman, is responsible for all manufacturing, production and technical operations at Tellabs' corporate headquarters, and at the company's subsidiary

manufacturing sites in Texas and Puerto Rico. Tellabs is a leading supplier of voice and data communication equipment.

During his career at Tellabs, he has directed the development of telecommunication products ranging from early warning radar systems that detect aircraft to special signaling systems used by telephone companies and common carriers to improve the quality of voice transmissions.

Gurley is in charge of marketing and planning for the automotive products group of Stanadyne, Inc. The group consists of three divisions that manufacture and sell diesel fuel equipment, hydraulic valve lifters, PCV valves and powder metal components to markets

worldwide. Annual sales total \$200 million.

A 1970 mechanical engineering graduate of Rose-Hulman, Gurley manages all marketing services activities including pricing, advertising, order entry, forecasting and public relations. In addition, he is responsible for short and long-range planning; remanufacturing operations and for a facility in France that provides support to European and Middle East markets.

Malmquist has had extensive

international experience as a cost and project engineer, and is now involved in corporate management and engineering with Madsen Construction. He is responsible for various corporate management functions including profitability goals and strategies, and marketing.

Prior to his current job, Malmquist worked on construction projects in New Guinea and Indonesia while employed by Bechtel Inc. He was involved with projects that created multi-

million dollar turn-key plants complete with towns, roads and sanitation facilities.

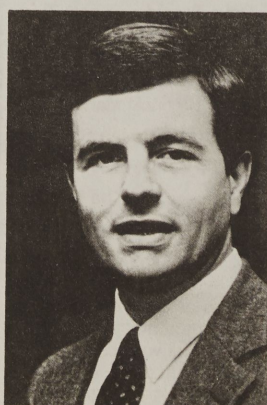
Malmquist received a bachelor's degree in civil engineering from Rose-Hulman in 1969.

The three will join 38 Rose-Hulman students and five high school teachers who will be honored during the Parents' Day banquet at 6 p.m. in the Hulman Union Building.

Featured speaker at the awards program will be Clyde Ingle, Indiana Commissioner for Higher Education.



Edward McDevitt, vp of operations, Tellabs, Inc. Class of '68.



William Gurley, vp, Stanadyne, Inc. Class of '70.



John Malmquist, executive vp, Madsen Construction Co. Class of '69.

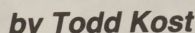
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EDITORIAL

What's more, the activists infringed on the rights of those students who wanted to interview with the CIA. But I guess those who want a job with the CIA don't count in the eyes of the demonstrators.

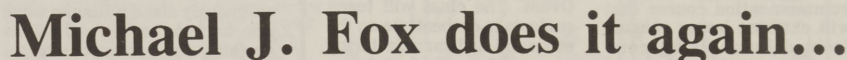
It's been a while since David Coverdale's band put out their last album, *Slide It In*, which was easily their most popular, and fans have been eagerly awaiting a new one. The self-titled album, *White Snake*, has finally been released, after much conflict in the band and the general turmoil that followed it. The final effort is worth waiting for though. It is heavier than *Slide It In*, it is nothing like *Trouble or Ready 'N' Willing*, and it is quite a bit heavier than

While they have gone towards a heavier format, however, they have not lost any of their energy which they have always had, and they do retain much of the rock 'n' blues feel which has always characterized them. If you are in the market for a heavy metal album, this probably is not it. If you just want some good rock and an awesome sound, however, this just might be for you. The playing is flawless, and Coverdale's voice is as skilled as ever. This album should appeal to a wide range of listeners.



Honor Key applications are also available at the switchboard and are due in Box 748 by Wednesday, April 29. The point list will be posted on bulletin boards in Crapo Hall.

The Rose Thorn welcomes letters or comments from readers. Articles, ideas, and announcements are also desired. In view of length constraints, we reserve the right to limit the lengths of comments and use excerpts from letters. All submitted material must be signed. All material should be submitted at least one week prior to publication.



Along the path of his struggles, he manages to fall in love with a beautiful female financial wizard (Helen Slater). This love duet

While "Success" lacks any fantastically memorable moments, it is well-paced, well-acted and passably written. So even though it will not win any academy awards, it is well worth the effort to go see.

have much freedom to act in this movie, as he is mostly resigned to watching the chimps operate, so he doesn't get to act nearly as well as he did in **Ferris Bueller's Day Off**. **Project X**, however, is at about the same depth. Take the kids, but it is probably not worth your time.

There are at least four explicitly mutilated corpses, including one whose heart had been cut out. The fabled "love" scene between Rourke and Bonet involves rivers of blood dripping on the floor and on the couple. The scene, from which the ten seconds were allegedly cut out, was the closest thing to a porn flick that I've seen in a movie theater, and "The Cosby Show" will never be the same. There are heavy references to the occult, voodoo rituals and talismans throughout the movie.

In short, the movie is horror, but it does not really have a plot. It is extremely confusing until the end when it is all tied together, and try as I might, I really could find no redeeming qualities except for Rourke's acting. Not recommended for the kiddies, and definitely not one to take your parents to this weekend. If you're really curious about the "surprise" ending, just ask me and save yourself a buck.

As said before, the club has helped its members as well as others. It participated in a fall training conference at Indiana University and a Midwest Leadership Training Conference at Eastern University in Michigan. Through these workshops, much leadership training is learned and many friendships are created. This year, from March 27 to 29, the Rose Circle K Club sponsored the Indiana Circle K Convention where it was presented with a trophy for being the club with the greatest achievement in the state. Future plans are presently being made to attend an International Convention in St. Louis August 15-19.

Circle K is not limited to the school, but extends into the community, state and nation. Circle K worked with the Gibault Boy's School and participated in a Pancake Day run by the Kiwanis Club of greater Terre Haute. It participated in the Governor's Blood Alert project and at I.U. helped run a Coke drinking contest during their Spirit of Sport festival. Rose Circle K is presently undertaking a bowlathon for the Muscular Dystrophy Association and renovating a toteboard for the upcoming Arthritis Foundation

Rose Circle K enriches the lives of its members and everyone that it touches. They work hard helping others and have loads of fun in the process.

Sports

Depth is key to tracksters' success

by Jason Lueking

In the Wabash Relays on Saturday, April 11, Rose failed to win a relay but did capture many second and third places.

Field events competition started the meet with Trent Peyton, Brian Runkle, and Brett Starr combining for second place in both the shot put and discus. Second place in the high jump was captured by the combination of jumps by Jeff Harrison, Brian Decker, and Mark Montgomery. Montgomery was also involved in the third-place triple jump effort with Joe Lemanski and Mike Garrison.

In the first running event of the meet, the steeplechase foursome of Carl Troike, Steve Mericle, Scott Orr and Brian Moench ran to a third place finish. The sprint medley relay team was next to place with their second place run. The team consisted of Chris Cook and Rick Kocken running the 200-meter dash, Greg Hiatt running the 400-meter dash, and Bob Jacobs anchoring the relay with his 800-meter run.

A surprise second was captured by the shuttle hurdle relay team. This team consisted of Montgomery, Lemanski, Ken Pierce, and Brian Bartley. The last Engineer team which placed in the top three was the distance medley team. This squad's members were Moench, Cook, Clark Pentico, and Jason Lueking.

One important factor which hurt the team's overall performance was the lack of eight seniors who were taking the E.I.T. exam.

The Engineers got revenge on Tuesday, April 15 as they defeated Wabash College in a dual meet 101-53 at Shook Field. The Engineers are now 3-1 in dual meets.

Seniors making their final home appearance for Rose included John Hanger, Miles Fletcher, Kurt Kelso, Roger Hruskovich, Craig Dargon, William Sears, Roger Bartley, Jerry Lyons, and Scott Orr.

Junior sprint captain Chris Cook was a double winner for

Rose, winning the 100 and 200-meter dashes.

William Sears won the high hurdles and placed second in the 100-meter dash. Sears also ran on the winning 400-meter relay team.

Other winners for Rose included: Brian Runkle (shot put), Kurt Kelso (1500), John Hanger (javelin), Greg Hiatt (400), Jerry Lyons (800), Brian Bartley (400), Craig Dargon (triple jump), Miles Fletcher (high jump), and the 1600-meter relay team of Jacobs, Kelso, Harrison, and Hiatt.

In competition at the Indiana Intercollegiate track meet, John Hanger won the javelin for the third consecutive season. Overall, the Engineers finished seventh, behind Indiana University, Purdue, Indiana State, Notre Dame, Ball State, and Vincennes.

The Engineers are in action again tomorrow as they travel to the University of Indianapolis for the Indiana Little State track meet.



Senior Kurt Kelso opens it up in the 1,500-meters against Wabash College.

Diamondmen even record

by Steve Ufheil

The Engineer baseball squad dropped their record to 12-14 after losing a doubleheader to Hope College on Saturday, April 19.

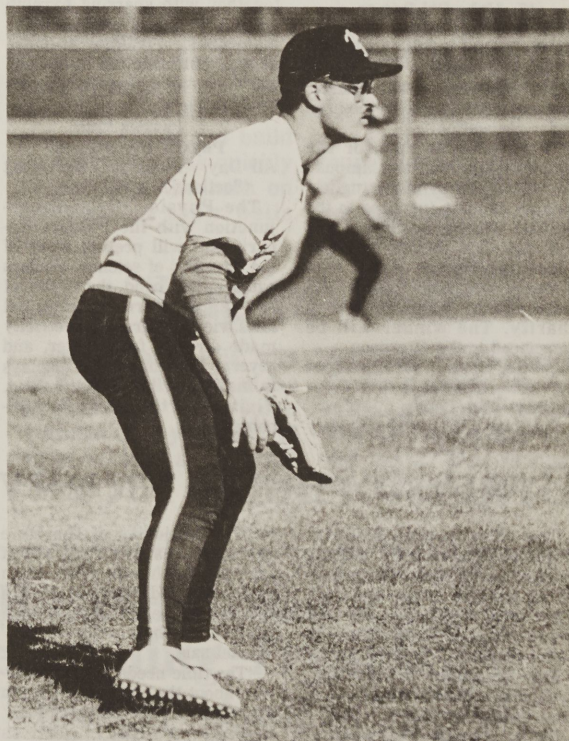
Hope College defeated Rose 2-0 in the first game and 10-5 in the nightcap, holding the Engineers to only 10 hits.

Mike Lindsay pitched an outstanding effort for Rose, allowing only three hits. On the offensive side, Mark Mayfield went 1-3 in the opener and slammed two home runs and a double in the second game.

In other action, the Engineers split a pair with Calvin College on Friday, April 17. Rose lost the first game 5-4, but regained their composure to prevail 6-4 in the second game.

The Engineers' bats were hot in the first game as Mark Mayfield went 3-for-4, Scot Johnson hit a home run in a three-hit effort, Steve O'Keefe went 2-for-2, and Bruce Fenimore had a double and a pair of RBIs.

Joe Witulski picked up the win for the Engineers, holding Calvin College to only six hits. Witulski is now 4-1 on the season.



Grant Sharp, senior third baseman, leads the Engineers in hitting with a .417 batting average.



Senior Craig Dargon leaps for victory in the triple jump against Wabash College.

Chris Cook goes all out for Engineers

Rose-Hulman Institute of Technology junior Chris Cook has a simple but effective strategy for running sprints as a member of the Engineer track team: Get ready, set, go.

"When the gun sounds you're off," said Cook, a 1984 graduate of Elkhart Memorial High School. "The only thing you have time to think about when you're running sprints is going all out."

Going all out is just what Cook has been doing since he arrived at Rose-Hulman.

As a freshman, he qualified for the NCAA Division III outdoor national championships as a member of the 4 x 100-meter relay team. That squad finished ninth at the championships, one place short of being afforded All-America status, and set the school record in a time of 42.1.

Last season, amid a host of injuries, the 400-meter relay squad just missed qualifying for the nationals. However, it finished the season strong by winning the College Athletic Conference championship for the second consecutive year with Cook as a member.

Cook finished second in the 200-meter dash and third in the

100-meters at the CAC championships last year in what he called "my best meet of the season." Rose-Hulman won the conference team title for the eighth straight year.

This season, Cook is providing leadership as the team's sprint captain. He runs the 100- and 200-meter dashes in addition to a leg on the 4 x 100-meter and 4 x 400-meter relay teams.

"Chris is doing exactly what we want our captains to do," said Head Coach Bill Welch. "He's willing to work very hard in order to get better. And when the other members of the team see how hard he works, they tend to go at it a little harder."

"There's a little more pressure on me to do well this year," Cook said. "Last year we had one of the best sprinters around, so I wasn't counted on to do as much. But he graduated and everyone expects me to perform."

"Actually, I think more pressure has made me a better runner. I expect more of myself."

According to Cook, track has helped to make him a better student at one of the nation's top science and engineering

colleges.

Rose-Hulman ranks among the top 10 colleges and universities for National Merit Scholars per capita: one in every nine students is a National Merit Scholarship winner. The average combined Scholastic Aptitude Test score for a 1986 freshman at Rose-Hulman was 1,220.

"Running keeps me in shape and my grades are better during the season," said Cook, an electrical engineering major. "I seem to budget my time more effectively during the track season and I concentrate more on my studies."

While Cook continues to improve as a sprinter, his goals remain constant. "I want to go back to the nationals," he said. "That was a great experience. Of course, it's always nice to win the conference, too."

His goals after graduation are undecided at this time. "I'm taking a lot of different classes to give myself a broad background in engineering," he said. "Right now, I'm not sure where it's taking me."

One thing is for sure. Wherever Cook is going, he is going there in a hurry.

Hanger going to championships

Missoula, Mont., native John C. Hanger, a senior at Rose-Hulman Institute of Technology, has qualified for the NCAA Division III Outdoor Track and Field Championships May 20-23 at North Central (Ill.) College.

Hanger qualified in the javelin event with a personal-best throw of 198 feet, 7½ inches, recorded recently at Rose-Hulman's first meet of the season. This is the third consecutive year Hanger has qualified for the nationals in

the javelin.

"John works extremely hard at his craft," Engineer Coach Bill Welch said. "He spent the entire summer working on throwing the javelin and he's set his goals on what he wants to do.

"It's very satisfying as a coach to see someone like John accomplish something he's worked so hard for. I'm looking forward to watching him getting better as the season progresses to the nationals."

Parents' Weekend

1987 Rose Show

by Blue Key
OLIN HALL

1. ASCE/Civil Engineering
All Day - Civil Engineering Laboratories, Speed Lake (Concrete Canoe)

1:00 p.m. - Bridge Busting Contest - GM Room

This year's Civil Engineering Parents' Day Display will be as diverse as ever. Some major areas will include Structural Engineering, Materials Science, Hydraulics, Construction Engineering and Architecture, Water Supply, Environmental Engineering, and Surveying. A presentation will be made on some of the past projects and methods used by students to complete them.

As in recent years, the ASCE will be sponsoring a Bridge Busting Contest. In addition, there will be demonstrations in Hydrology, Soils and Materials, a Tower Bust, and a Cylinder Bust. There will also be an Environmental Display, a Surveying Display, and a Computer Demonstration. Weather permitting, a concrete canoe will be available for rides on Speed Lake.

We hope our displays will present the vastly diverse areas that Civil Engineers are involved in and the expertise students are gaining in those areas.

2. AICHE/Omega Chi
Epsilon/Chemical Engineering
10:00 a.m. - 3:00 p.m. - Chemical Engineering Labs

The American Institute of Chemical Engineers and Omega Chi Epsilon will present a look at Chemical Engineering. Displays that can be seen here include: a Corning Sieve Plate distillation column, computer applications and various other processes and equipment.

3. Alpha Phi Omega
All Day - Olin Lobby

UMOC Voting before 12:00 Noon
The Tau-Lambda Chapter of Alpha Phi Omega will conduct campus tours including the area under renovation.

They will also sponsor the annual "Ugly Man on Campus" Contest. Pictures of the ugliest men on campus (perhaps in the world!) will be on display and you may vote (before noon) by depositing change in the container under your choice. All proceeds will be donated to charity. The winner will be announced in the afternoon.

3a. The Rose Astronomical Society
All Day - Olin Lobby

The Rose Astronomical Society

wishes to present astrophotography contest display in the Olin lobby. Weather permitting, everyone is encouraged to tour the observatory for solar viewing. The observatory is located west of Speed Hall.

HADLEY HALL

4. WMHD Radio - Where Music Has Dimension
All Day - Hadley Hall - BSB 0

The members of the Broadcasting Club of Rose-Hulman, better known as WMHD-FM, will show you the world of radio broadcasting up close. Guided tours of all the facilities will be given, including the Disk Jockey booth and the Recording Studio! Also, a display will be set up in the lower level of Hadley Hall.

5. Rose Christian Fellowship
All Morning - Display - Hadley Hall

2:00 p.m. - Free Throw Shoot - Fieldhouse
4:00 p.m. - Presentation - GM Room

RCF will have an informational display with literature and students to answer any questions. They will also be sponsoring a Father-Son free throw shoot (with prizes), and presentation by the seniors at 4:00 in the GM Room.

6. The Rose Thorn
All Day - Hadley Hall

Everyone is encouraged to pick up a free copy of the Rose-Hulman Newspaper, THE THORN.

MOENCH HALL

7. GOJU Karate Club
10:30 a.m. - Demonstration - Moench Hall Auditorium

There will be a GOJU Karate demonstration by Dr. Than and students. The basic strikes (punches and kicks) and techniques will be demonstrated together with sparring by club members. The students, after many weeks of training, will also be demonstrating the fine art of board breaking. Don't miss this exciting event.

9. Physics Club/
Physics Department
All Day - Displays - Basement (Sections A & B)

The Physics Club, in conjunction with the Physics Department, will present some of the novelties of science. Visitors can see light bend, the effects of low temperatures on physical laws, view holograms, electricity made directly from water, and several new high-tech displays to make your hair stand on end. Visitor participation is welcomed.

10. IEEE/Electrical Engineering
All Day - Displays - B Sect Halls B-105

3:00 p.m. - Awards - GM Room
The student chapter of the Institute of Electrical and Electronics Engineering, in conjunction with the Electrical Engineering Department, will be hosting the second annual Electrical Engineering Competition. The project entries will be judged and on display by noon. The awards ceremony will be held in the GM Room from 3 to 3:30 p.m.

11. Rose Tech Radio Club
All Day - Demonstrations - B-209

The Rose Tech Radio Club will be up and running in the club's "Shack", Room B-209 in Moench Hall. They will be demonstrating their amateur radio station and various operating equipment. The station includes a 1,000-watt short wave transmitter capable of reaching the entire world. Computer generation and reception of Morse code, Packet Radio, and VHF repeater operation will be demonstrated.

12. Rose Drama Club
3:00 p.m. - Performances - Moench Hall Auditorium
8:00 p.m.

The Rose Drama Club is proud to close out its 23rd season with the musical "A Funny Thing Happened on the Way to the Forum." This smash Broadway hit comes to Moench Hall Auditorium and is a must see during Parents' Weekend. Performances will be at 3 and 8 p.m.

Tickets are \$3.50 and may be purchased at the box office, which opens 45 minutes before each show. Reserved tickets must be picked up at the box office no later than 15 minutes before showtime.

Be sure to make "Forum" an entertaining part of your Parents' Day weekend.

ROTZ LABORATORY
BUILDING

13. ASME/Mechanical Engineering
All Day - Displays - Rotz Lab

The displays presented by the Mechanical Engineering Department illustrate the wide spectrum covered by mechanical engineering. The displays represent valuable "Hands-on" experience necessary to complement theory presented in the classroom. The displays include MTS Hydraulic Loader (they will be testing the strength of climbing rings), wind tunnel demonstrations, and gas turbine testing. Demonstrations of the machines will start every hour

on the hour.

14. Rose-Hulman Racing Association
All Day - Display - Rotz Lab

The Rose-Hulman Racing Association will have on display, in the ROTZ Lab, the Buick Regal Autocross Car and the 1987 Formula SAE Car.

CRAPO HALL

15. ACM/Computing Center
All Day - Demonstrations - Waters Computing Center

What can a computer do? Find out some answers at Waters Computing Center, located in the basement of Crapo Hall. Members of ACM will be available to guide Computer Center Tours. Computer applications will be demonstrated, including graphics displays on the VAX and PCs, and computer-generated and printed cartoons for small children. Students will also be available to answer questions about being a CS major at Rose-Hulman.

16. ACS/Chemistry Department
11 a.m. - Chemistry Demonstrations - G-317
2:00 p.m.

The American Chemical Society, with the support of the Chemistry Department, is sponsoring a Chemical Demonstration Show for the Rose Show. The show will cover some exciting chemical phenomena including color demonstrations and several other chemical techniques. There will be lots of audience participation - great for children, young and old. In addition to the show, the instruments room in Crapo Hall (G-304) will be open to the public. There will be various samples and demonstrations of the spectroscopy samples.

LOGAN LIBRARY

17. Old-Time Pharmacy
All Day - Display - Ground Level

This will be a display that even Rose students are not familiar with. The display is a collection of early pharmaceutical antiques collected by Binkley of Terre Haute. Inquire at the main desk in the Library.

HULMAN MEMORIAL UNION

18. Student Activities Board
11:00 - 3:00 - Birthday Chronicle - Union Lobby

1:00 - 2:30 - The Know-Your-Son Game - WORX (lower level of Union)

The Rose-Hulman Student Activities Board invites you to the Hulman Union Lobby where the Birthday Chronicle will provide (in seconds) a list of events and trivia that occurred

on your birthdate. There will be no charge for this interesting view of the past.

SAB also presents "The Know-Your-Son Game", modeled after the hit television show "The Newlywed Game". This exciting match is certain to entertain contestants and spectators alike as it tests family members' familiarity and awareness of each other. Prizes will be awarded, so be sure to sign your team up at the door of the Hulman Union.

19. Lunch

11:00 - 1:00 - Dining Room in the Union

ARA Food Services will be providing a light brunch at a cost of \$3.75 per person. The menu will be the same as normally scheduled for Saturday in order to give you an opportunity to see what Rose students eat.

20. Bookstore

10:00 - 3:30 - Lower Level of the Union

The Rose-Hulman Bookstore has extended its normal business hours to enable you to purchase that Rose-Hulman souvenir you have been wanting.

E.E. BLACK

RECREATION CENTER

21. Rifle Club

10:00 - 3:00 - Ham Shoot - Back Gym

The Rifle Club is sponsoring a "Ham Shoot" for Parents' Day this year. It will be held in the East Gym of Shook Fieldhouse. A target with 10 bulls will be shot using an air rifle. The targets will be scored and the top three shooters will receive prizes. The event is open to all students and parents, and costs \$.50 to enter.

ART NEHF BASEBALL FIELD

22. Varsity Baseball
1:00 p.m. - Baseball Game - Baseball Field

The Rose-Hulman Fighting Engineers baseball team will host a doubleheader vs. Wabash College at Art Nehf Field. The game will begin at 1 p.m. The team will certainly welcome your attendance.

BSB TENNIS COURTS

23. Varsity Tennis
9:30 a.m. - Tennis Game - Tennis Courts

The Rose-Hulman Engineers tennis team will host a University of Indianapolis on the tennis courts beside BSB Hall. Matches will begin at 9:30 a.m. and the team would appreciate your support.

Brainstorming faculty talk their way to better teaching

The idea seems simple. Improve teaching by getting college faculty from different departments to meet and talk about what they teach and how they can help each other be better teachers.

Even though that appears easy to do, such activity is unusual on most college campuses.

During the past five months at Rose-Hulman Institute of Technology, mathematicians have been spending more time talking with science and engineering professors.

Those involved say the informal brainstorming sessions, that began last fall, have motivated faculty and produced new ideas to improve undergraduate teaching.

"At most colleges, no matter how big or small, there is very little academic discussion between professors who teach different subjects," explained Brian Winkel, associate professor of mathematics and coordinator of the Lilly Seminars at Rose-Hulman.

"The majority of the time math professors talk about teaching math with other math professors and physics teachers talk about teaching with colleagues in their department," Winkel said.

"The time needed to keep current about the subject you teach prohibits much communication," he said. "And, that is unfortunate."

With the help of funding from the Lilly Endowment, Inc., a program was developed that has increased faculty communication and created a new sense of enthusiasm among those involved.

Viewing mathematics through the eyes of a student and experiencing the frustrations and discoveries of a student learning new concepts is one of the reasons Professor Gary Sherman, chairman of the college's Department of Mathematics, encouraged members of his department to seek support for the seminar, Winkel said.

The faculty discussions have

grown out of the program created to introduce colleagues to new mathematical applications. To stimulate faculty interest, H.T. Banks, a nationally known mathematician from Brown University, has visited Rose-Hulman twice to introduce math concepts and to challenge faculty to utilize those new methods in undergraduate education.

Winkel says the program has returned faculty to a learning environment in which they have become students again.

"We're finding out more about the subjects we teach. We're challenging each other to apply our expertise to solve problems we normally would not have encountered," Winkel said.

"All of us are trying to use mathematical modeling to help a colleague in civil engineering solve a soils problem and a chemist is asking me what new information mathematics can provide about chemical flow and reactions," he says.

Already, the increased conver-

sation between faculty has resulted in better utilization of campus computers, says participant Bruce Danner, professor of physics and director of the college's computing center.

"We're now utilizing six new, scientific software packages. Faculty have also discovered new uses for computer plotters,

and we're talking about the need for connecting faculty personal computers into a network to our main-frame computer.

"Those developments have all come about as a result of knowing more about the courses that each other teaches," he pointed out.



Rose-Hulman professors working together

Greek Games

1987 Greek Games

by Chris Mandeville
Greek Games will take place Sunday, April 26, this year, but they'll be a little different than in years past.
For starters, Songfest will be the first event with points awarded. In the past, songfest did not contribute to the overall Greek Games championship.
The canoe race has been

dropped from the games while a fully scored "surprise event" has been added.
There will also be a new fraternity competing this year. In addition to Alpha Tau Omega, Delta Sigma Phi, Lambda Chi Alpha, Phi Gamma Delta, Sigma Nu, Theta Xi and Triangle, Pi

Kappa Alpha, will join in the competition this year.
The Interfraternity Council would like to encourage all persons — parents, faculty and other students to come out and enjoy the games this year. This is the 23rd year of Greek Games and they have in the past proven a very enjoyable way to cap off Parent's Weekend.

1987 Greek Games Tentative Schedule

9:00 Songfest	1:00 Surprise Event
11:00 Cart Race	2:00 15-man Pyramid
12:00 Obstacle Course	2:45 Tug-of-War

Songfest

Songfest is held in the Dining Hall of the Hulman Memorial Union Building. Each participating fraternity is required to have over one-half of their active chapter present, and a time limit of ten

minutes is imposed. The fraternities will be judged on the following criteria: variety of music, memorization of lyrics, diction and tonal quality, difficulty of music and overall showmanship.

Surprise Event

The surprise event will be chosen by a faculty committee and will not be

announced until the day of the games.

Cart Race

Each cart team consists of 10 runners who, in two-man pairs, push a four-wheeled cart and its driver around a one-mile course on campus. The

race will be run in three heats, each heat lasting about four minutes, and the times of each team will be compared for team ranking.

15-man Pyramid

The pyramid is held on the football field. Two teams shall start from lines twenty yards from their bell lines and, at the gun, run down and build their pyramids as quickly as possible, the men on top ringing their bells

when their pyramids are built. The teams must hold their pyramid for at least three seconds after the bell is rung. The pyyamid is held in a round-robin fashion, the teams being ranked on a won-loss basis.

Obstacle Course

Each obstacle course team consists of five two-man pairs that field such obstacles as a rope climb, low crawl, wheelbarrow carry and hurdles. Only one man from each pair

must pass the rope and hurdle obstacles. There will be four heats with team times being compared to determine the final ranking.

Tug-of-War

The tug-of-war is held on the track in front of the grandstand. Each team consists of any number of men, as long as the total weight of the team does

not exceed 2000 pounds. To win a match, one team must pull the center marker over to their starting mark. This is also a round-robin contest.

Lambda Chi Alpha Presents New Members

Ty Adams	James Albert
Ken Barrett	Dale Bittner
Sean Bower	Kevin Cook
Jim Elliot	Dan Flynn
Wade Hedrick	Tim Hofer
Brian Jones	Greg Klem
Tony Kochert	Ray Kroll
Mark Lau	Brian Moench
Dan Palazzolo	Tony Poparad
Rod Retzner	Steve Robertson
Chris Schlimm	Rick Schwaiger
Gary Smith	Greg Spock
Greg Tielking	Dennis Wagner
Neil Wesseler	Ken Whitehead
Dave Williams	

Rose-Hulman Cheerleading Tryouts

Workshop: Tuesday, April 28
6:00 p.m.
Fieldhouse

Tryouts: Thursday, April 30
7:00 p.m.
Fieldhouse

For more information contact:
Keith Bloomer 234-1468

National

Supreme Court rules on affirmative action

(CPS) — Campus women — especially faculty members and administrators — may get more chances to succeed because of the Supreme Court's ruling last week upholding many kinds of affirmative action programs, various college women's groups say.

The court's ruling, moreover, endorsed the kind of program many campuses use.

As a result, campus women may be suing administrators more frequently, one observer predicts.

In its ruling in a case called "Johnson vs. Transportation Agency, Santa Clara County, California, et. al.," the Supreme Court said women could be hired or promoted over men to rectify past discrimination against women.

Conservatives quickly criticized the decision as discriminatory toward men, while many liberals hailed it as helpful.

"I think we'll see women making vast strides in all employment situations, but especially in education," says Emily Spitzer, a lawyer with the National Organization for Women's (NOW) legal defense and education fund.

"We'll now see many well-qualified women getting what they deserve."

Colleges, women's advocates say, are notoriously biased against women.

Women, said a January, 1987, report by the Project on the Status and Education of Women,

still have a harder time being promoted to assistant and full professorships than their male counterparts.

"Women professors make less money than male professors at every rank," says Julie Ehrhart of the Association of American colleges, which funded the January report.

In most cases, Ehrhart says, women are "grouped in the lower ranks," regardless of their education or experience. "(Women) are hired as lecturers, part-timers and assistant professors," leaving the full professorships to men.

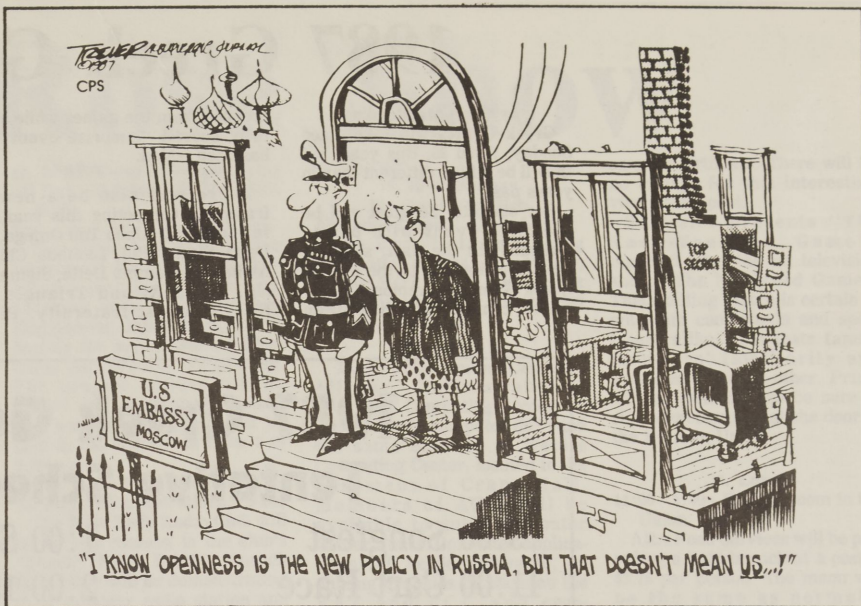
But even when women become full professors they tend to make less money. "There are some factors that can't be explained in any other way" than as sex discrimination, Ehrhart says.

She hopes the court's endorsement of affirmative action will lead "universities (to) review their own policies. And people lobbying for equity will have more legitimacy."

"Quite possibly a lot more suits will be filed by women. At least, people will be talking" about the ruling.

NOW's Spitzer is even more hopeful.

"(The decision) will have an enormous impact on hiring practices. It allows companies and institutions to institute voluntary affirmative action plans that they were previously afraid of, because of (reverse discrimination) suits like Mr. Johnson's (the plaintiff in the case)."



Anti-nuke rallies draw spotty support

(CPS) — An effort to revive the flagging campus anti-nuclear movement and spark protests against "preparations for World War III" April 1 garnered spotty support across the nation, drawing handfuls of college students, high schoolers and community activists to various demonstrations.

It was the third annual effort of a San Francisco-based group called No Business As Usual (NBAU) to revive anti-war sentiment on campuses.

The NBAU network asked peace advocates to "take the war decisions out of the hands of world leaders," saying it's useless to plead with leaders for policy changes.

"We are advocating individual responsibility," says Tracy Stein of NBAU's Atlantic chapter.

Compared to the numbers of people who were at campus

anti-nuclear demonstrations in the springs of 1983 and 1984 and at anti-apartheid protests in 1985 and 1986, relatively few students responded to the handbills NBAU distributed to campuses in dozens of communities across the country.

NBAU's Stephanie Tang says the nationwide turnout was about what her group expected, with students from some 250 colleges and high schools participating.

In some places, crowd sizes "went way beyond our expectations," says NBAU spokesman Peter Alder.

But numbers were hard to confirm, and in some cases local officials disputed NBAU's reports of "actions" and confrontations.

Crowds at NBAU's teach-ins, marches and dramatic "die-ins" — in which people flopped to the ground after imaginary nuclear blasts — were generally small, various observers report.

In Santa Barbara, Calif., eight "juveniles" were arrested "for impeding traffic" after drawing chalk diagrams of "bodies" that had "died," Alder says.

Dan Barbash, a second-year biology major at the Massachusetts Institute of Technology, saw "about 10 people with banners" protesting the school's Strategic Defense Initiative (SDI) research.

At Emory University in Atlanta, a series of speakers took the stage from 11 a.m. to 3 p.m. at Cox Hall, where up to 60 students, hospital staff and faculty listened to messages

about too many bombs and bad foreign policy, says Donna Beaver, a photographer for The Emory Wheel, the campus paper.

"More people showed up after classes, and students held banners" protesting "preparations" for World War III, she adds.

Emory freshman Katie Moss says some demonstrators stopped passersby in downtown Atlanta to talk about U.S. policy in Nicaragua and the Middle East.

"Then we marched around (a mass transit) station and 'died-in,'" Moss says.

In Las Vegas, students marched along casino row, "dying" at intervals along the way, and then again at the federal building, Alder reports.

At the University of California, Berkeley, art students put on a World War III art show in Sproul Plaza, featuring a "War Zone Tour" complete with synthesized music, sirens and bomb whistles.

Similar "tours" were planned at other universities that NBAU alleges do SDI research.

The NBAU claims Berkeley High School students also marched to the university, but the school's principal and secretary say they have no knowledge of student involvement.

In Honolulu, high school kids "died" in classrooms, coinciding with a daily air raid signal.

High schoolers in Virginia Beach, Virginia walked out of five schools and gathered in a park.

Federal research grant recipients

WASHINGTON, D.C. (CPS) — The federal government provided \$5.6 billion to universities for research in 1984, and 86 percent of that money went to the top 100 universities.

The top 20 campuses — an even more elite group — received 42 percent of all federal money spent in universities on research and development, 46 percent of all National Science Foundation (NSF) research money and 44 percent of all National Institutes of Health

funds.

Top 20 federal research grant recipients in 1984, followed by their 1967 ranking, were:

1. Johns Hopkins (15); 2. MIT (1); 3. Stanford (7); 4. University of Washington (13); 5. Columbia University (3); 6. University of Southern California (8); 7. Cornell (11); 8. University of California-San Diego (not in top 20 in 1967); 9. University of Wisconsin-Madison (10); 10. Harvard (4); 11. Yale (17); 12. University of Michigan (2); 13. University of Pennsylvania (14); 14. University of California-Berkeley (6); 15. University of California-San Francisco (not in top 20 in 1967); 16. University of Southern California (not in top 20); 17. University of Minnesota (12); 18. University of Illinois at Urbana-Champaign (5); 19. University of Chicago (9); 20. Pennsylvania State University (not in top 20).

New York University, Duke, the University of Maryland and Princeton all made the top 20 in 1967, but not in 1984.

The NSF ranks the schools by the amount of money they received.

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National

Faculty salaries rise

WASHINGTON, D.C. (CPS) — Faculty salary levels continued their slow climb in 1986-87, registering a 5.9 percent gain, a new study of 1,900 institutions by the American Association of University Professors (AAUP) says.

Even after allowing for inflation, faculty members this year are making 3.9 percent more than last year.

The AAUP says it's the best increase in more than 15 years.

The hikes, however, still leave the average college teacher with 10 percent less purchasing power than he or she had in 1970, and AAUP officials fear rising inflation rates could slow future gains.

An Education Department study released in March reported faculty salaries in 1985-86 rose 6.4 percent, but real salary increases were only 3.4 percent after being adjusted for inflation.

"It's the best increase in 15 years," says AAUP spokeswoman Iris Molotsky. "But using 1970 as a base, purchasing power has yet to catch up, and there is concern about inflation increasing again."

Since the early 1980s, schools have worked to bring up lagging faculty salaries to stem a "brain drain" of top teachers into more lucrative careers in other fields. Administrators repeatedly say the effort is a major reason why tuition has gone up much faster than the inflation during the decade.

Average salaries for full professors rose from \$42,300 last year to \$45,530 in 1986-87. Associate professor salaries averaged \$33,820, assistant professors earned \$27,920 and instructors' salaries averaged \$21,330.

The study shows northeastern, mid-Atlantic and Pacific states registered the largest salary increases.

Full professors at doctoral institutions in Pacific states, for example, averaged salaries topping \$55,600, while those in Rocky Mountain states earned

only \$44,020.

New England full professors at baccalaureate institutions earned nearly \$44,000 while those in the west and south-central states made less than \$33,000.

"The study presents a contradictory picture this time," Molotsky admits. "Some states are in financial trouble, particularly oil-producing states, but some are discussing the quality of education and realizing you can't have high quality without increasing teachers' salaries."

Some states, moreover, see teacher salaries as a way out of their budget problems.

"There's a growing awareness that higher education plays a major role in economic development on a local and state level," says Robert Nielsen, spokesman for the American Federation of Teachers, a teachers' union.

"States have to diversify to replace the voids in their economy caused by things like the agriculture and energy problems. As long as schools are responsive to this need to diversify, I think faculty salaries will continue to go up."

"I suppose this year may signal a leveling-off or the tail end of the increases, but salaries still are better than they were two or three years ago," Nielsen says.

The AAUP report also noted discrepancies between male and female faculty salaries. Men holding full professorships averaged \$46,070, but women earned only \$40,630.

At the assistant professorship level, "the gap is not so wide, but the disparity is still there," Molotsky says. Men earned \$28,910 while women averaged \$26,180.

"At the higher (faculty and administrative) levels, you get into old, established, male-oriented hiring and tenure practices," she adds.

"You can't generalize the sex gap because there's a great discrepancy between disciplines and types of institutions."

Greeks drink more

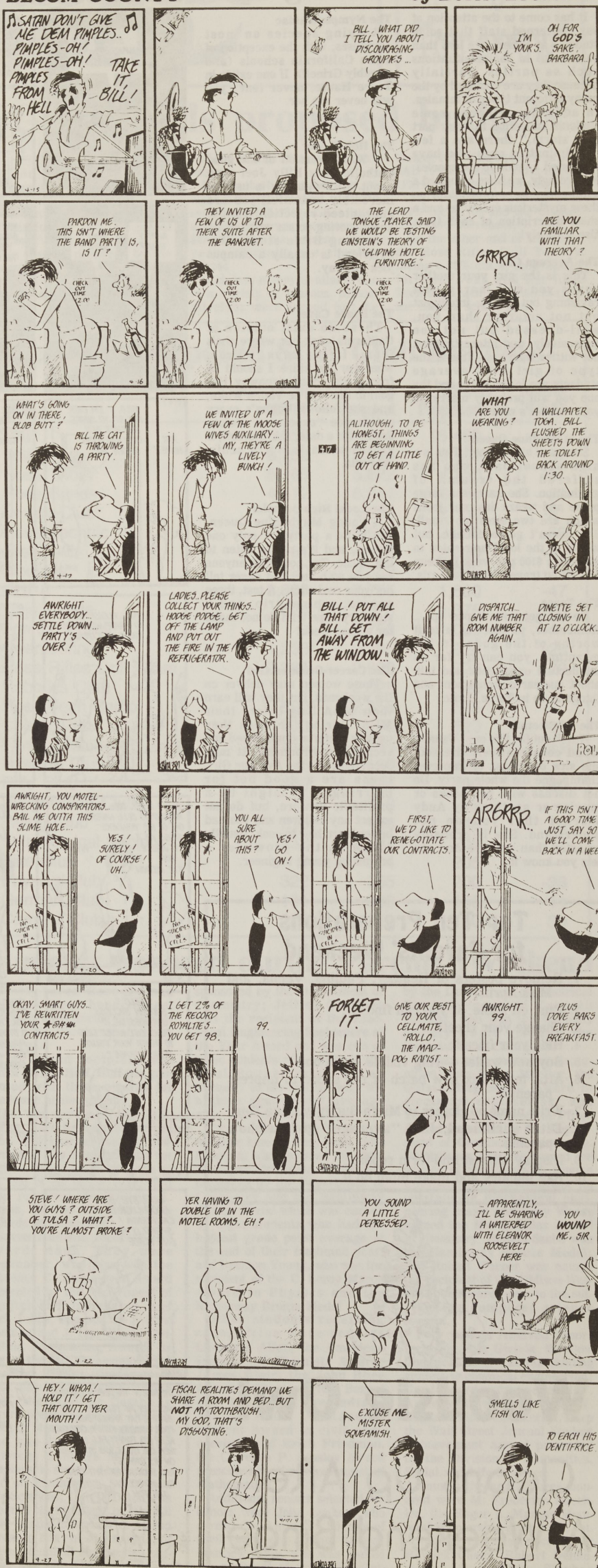
(CPS) — A study released last week by the University of Minnesota's Student Organization Development Center found fraternity and sorority members tended to have lower grades than independent students, and tend to have more problems — from

missing class to having unpleasant sexual encounters — associated with alcohol use.

At Lamar University in Beaumont, Texas, police said they suspect Harold Thomas, 25, died during hazing rituals performed by the Omega Psi Phi chapter.

BLOOM COUNTY

by Berke Breathed

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Humor

Rosem-Hosem dating tips

It has come to the attention of our concerned staff that some students at Rosem are less than successful in social situations such as parties, partially because they are confused by the many different types of females. In addition, although some students subscribe to "any port in a storm," there are a few discriminating ones who have requested a guide to the species. Accordingly, we have compiled a semi-complete compendium on these mysterious creatures and a short description of each type. Use it wisely!

The Average Girl

This is the girl your mother hopes you will marry. Not ravishing but pretty, intelligent but not smarter than you, well-dressed but not too expensively, and interesting but not wittier than you. This is the type of girl most average students are looking for, and the one you will probably marry, to your mother's relief.

The Maybelline Queen

Shades of high school! This is a high school babe who has suffered the trauma of graduation. She carries a large purse and wears designer jeans which are two sizes too small. She doesn't go to college, but works at the local hair salon to support a \$100 per week makeup bill. Often travels in large herds.

The Tease

Do not get your hopes up ... Remember, patience is a trait worthy of the gods. In the meantime, you can try for an intellectual experience and talk about nuclear disarmament and things to do in Terre Haute.

The Intellectual

Watch out for this one! Usually found conservatively dressed, she sips one glass of imported champagne the whole party. Do not discuss with her books or movies or anything by Andy Warhol that you do not understand. She is probably smarter than you are and she lets you know it.

The Nymphomaniac

A dying species on most campuses, with the exception of some California schools (and possibly Grinnell). If one exists in Terre Haute, never fear; you will never see her.

The Holy Roller

A WASP version of the good Catholic girls Billy Joel sang about. Although she is usually incredibly beautiful, you are guaranteed rejection. Forget about scoring points with her by attending Bible study. Her boyfriend is usually a campus jock anyway.

The Space Cadet

These do exist outside of California! Ask her where she's from. If she says, "From wherever you think I should be from," it's a dead giveaway. Her goal in life is to be Vanna White, and she follows Vanna's every nationwide "exposure." Before asking for a date, ask yourself, if gratification is worth schizophrenia.

The Local High Schooler

A young Maybelline Queen, she is at a party for only one reason, and it's not to listen to the music. Try not to let anyone see you with her, and never tell her your real name. A test, three papers, a plant trip, and a statutory rape trial do not make for a good week!

The Career-Oriented Girl

These women may deliver on the weekends, but they will earn their MBA long before their MRS. During the week they usually prefer a single-sexed and secluded environment. It may seem that, like the Average Girl, these are a good bet for marriage. It might be a profitable venture, but do not expect any children and you had better learn how to cook. Usually found on the prowl for a promising young engineer.

Top Ten Preparations for Parents' Weekend

1. Remove posters of Heather, Paulina, Vanna, and Miss April.
2. Dust off Bible (if you can find it).
3. Change your sheets.
4. Hide your friends.
5. Buy new wallet — ring visible in old one.
6. ARA must mix new batch of red sauce to impress parents.
7. Write name on clothes so Micro-Buddy can cue Tom.
8. Ditch girlfriend, find "average" girl to show parents.
9. Display altered mid-term report.
10. Bag laundry and make mom do it.



Woodsie Owl

Cleans Up After A Weekend Binge

BLOOM COUNTY

by Berke Breathed

